

- 1 -

SEQUENCE LISTING

<110> Bayer AG, BHC
 <120> Diagnostics and Therapeutics for Diseases Associated with Kallikrein
 5 9 (KLK9)
 <130> Le A 36 871
 <160> 5
 <170> PatentIn version 3.1
 <210> 1
 10 <211> 753
 <212> DNA
 <213> Homo sapiens
 <400> 1
 atgaagctgg gactcctctg tgctctgctc tctctgctgg cagggcatgg ctgggcagac 60
 15 acccgtgcc a tggggccga ggaatgtcgc cccaactccc agccttggca ggccggcctc 120
 ttccacctta ctgggtctct ctgtggggcg accctcatca gtgaccgctg gctgtctaca 180
 gctgcccact gccgcaagcc gtatctgttg gtcgccttg gagagcacca cctctggaaa 240
 tgggagggtc cggagcagct gttccgggtt acggacttct tccccaccc tggcttcaac 300
 aaggacctca gcgccaatga ccacaatgat gacatcatgc tgatccgcct gccagggcag 360
 20 gcacgtctga gtccctgtgt gcagccctc aacctcagcc agacctgtgt ctcccaggc 420
 atgcagtgtc tcattctcagg ctggggggcc gtgtccagcc ccaaggcgct gtttccagtc 480
 aactgtcagt gtgccaacat cagcatcctg gagaacaaac tctgtcactg ggcataccct 540
 ggacacatct cggacagcat gctctgtgcg ggcctgtggg aggggggccc aggttcctgc 600
 cagggtgact ctggggggccc cctggtttgc aatggaacct tggcaggcgt ggtgtctggg 660
 25 ggtgtctgagc cctgtccag accccggcgc ccgcagctct acaccagcgt atgccactac 720
 cttgactgga tccaagaaat catggagaac tga 753
 <210> 2
 <211> 250
 <212> PRT
 30 <213> Homo sapiens
 <400> 2
 Met Lys Leu Gly Leu Leu Cys Ala Leu Leu Ser Leu Leu Ala Gly His
 1 5 10 15
 Gly Trp Ala Asp Thr Arg Ala Ile Gly Ala Glu Glu Cys Arg Pro Asn
 35 20 25 30
 Ser Gln Pro Trp Gln Ala Gly Leu Phe His Leu Thr Arg Leu Phe Cys
 35 40 45
 Gly Ala Thr Leu Ile Ser Asp Arg Trp Leu Leu Thr Ala Ala His Cys
 50 55 60
 40 Arg Lys Pro Tyr Leu Trp Val Arg Leu Gly Glu His His Leu Trp Lys
 65 70 75 80
 Trp Glu Gly Pro Glu Gln Leu Phe Arg Val Thr Asp Phe Phe Pro His
 85 90 95

- 2 -

Pro Gly Phe Asn Lys Asp Leu Ser Ala Asn Asp His Asn Asp Asp Ile
 100 105 110
 Met Leu Ile Arg Leu Pro Arg Gln Ala Arg Leu Ser Pro Ala Val Gln
 115 120 125
 5 Pro Leu Asn Leu Ser Gln Thr Cys Val Ser Pro Gly Met Gln Cys Leu
 130 135 140
 Ile Ser Gly Trp Gly Ala Val Ser Ser Pro Lys Ala Leu Phe Pro Val
 145 150 155 160
 Thr Leu Gln Cys Ala Asn Ile Ser Ile Leu Glu Asn Lys Leu Cys His
 10 165 170 175
 Trp Ala Tyr Pro Gly His Ile Ser Asp Ser Met Leu Cys Ala Gly Leu
 180 185 190
 Trp Glu Gly Gly Arg Gly Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu
 195 200 205
 15 Val Cys Asn Gly Thr Leu Ala Gly Val Val Ser Gly Gly Ala Glu Pro
 210 215 220
 Cys Ser Arg Pro Arg Arg Pro Ala Val Tyr Thr Ser Val Cys His Tyr
 225 230 235 240
 Leu Asp Trp Ile Gln Glu Ile Met Glu Asn
 20 245 250
 <210> 3
 <211> 19
 <212> DNA
 <213> artificial sequence
 25 <220>
 <223> forward primer
 <400> 3
 gcgctgtttc cagtcacac 19
 <210> 4
 30 <211> 21
 <212> DNA
 <213> artificial sequence
 <220>
 <223> reverse primer
 35 <400> 4
 gcccaagtgc agagtttggt c 21
 <210> 5
 <211> 24
 <212> DNA
 40 <213> artificial sequence
 <220>
 <223> probe
 <400> 5
 cagtgtgccacacatcagcat cctg 24